

Mouse ciliary neurotrophic factor ELISA Kit | CNTF elisa kit

Mouse Ciliary Neurotrophic Factor, CNTF ELISA Kit

CATALOG #
AAA80775

REACTIVITY
Mouse

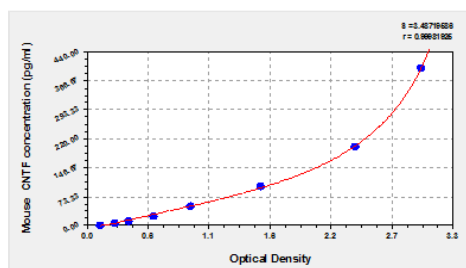
PRODUCT SYNONYMS

ciliary neurotrophic factor; Mouse Ciliary Neurotrophic Factor; CNTF ELISA Kit; HCNTF; ; CNTF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse CNTF. No significant cross-reactivity or interference between mouse CNTF and analogues was observed.
Sequence Length	198
Samples	Serum, plasma, tissue homogenates, cell culture supernates
Assay Type	Quantitative Sandwich
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	< 1.56 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNTF elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CNTF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CNTF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CNTF is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CNTF bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25952141
NCBI GeneID	12803
NCBI Accession #	NP_740756.1
NCBI GenBank Nucleotide #	NM_170786.2
UniProt Accession #	P51642
Molecular Weight	22,587 Da
NCBI Official Full Name	ciliary neurotrophic factor
NCBI Official Synonym Full Names	ciliary neurotrophic factor
NCBI Official Symbol	Cntf
NCBI Official Synonym Symbols	AI429687
NCBI Protein Information	ciliary neurotrophic factor
UniProt Protein Name	Ciliary neurotrophic factor
UniProt Gene Name	Cntf
UniProt Synonym Gene Names	CNTF
UniProt Entry Name	CNTF_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cntf-mouse-elisa-kits/ciliary-neurotrophic-factor/80775>